CLAIMS

1. A receiver suitable for accessing selected portions of synchronized data that is transmitted by a broadcaster in a broadcasting system, the receiver comprising:

a synchronized data accessing system capable of providing access to synchronized data transmitted by the broadcaster, the synchronized data accessing system providing an interface that can be used by a data requester to access synchronized data, wherein the data requester can initiate a request to access synchronized data using the interface and data can be made available and accessed by the data requester through the interface.

2. A receiver as recited in claim 1, wherein the interface is a programming language interface (API).

3. A receiver as recited in claim 2, wherein the API includes a listener API and point of access API.

4. A receiver as recited in claim 1, wherein the synchronized data accessing system provides a notification associated with the transmitted synchronized data.

5. A receiver as recited in claim 4, wherein the notification includes other information that can be used by a data requester to access data.

6. A receiver as recited in claim 5, wherein the notification includes a timestamp.

7. A receiver as recited in claim 5, wherein the notification includes a length of data indicator that indicates the length of data.

8. A receiver as recited in claim 5, wherein the notification includes a timestamp and a length of data indicator that indicates the length of data.

9. A receiver as recited in claim 1, wherein the synchronized data accessing system provides error handling information.

10. A receiver as recited in claim 1, wherein the synchronized data accessing system provides information that can be used by a data requester to access data in segments.

11. A receiver as recited in claim 1, wherein the synchronized data accessing system further includes a data accessor and a data provider.

12. A receiver as recited in claim 1, wherein the data accessor can send a request to resynchronize data.

13. A receiver as recited in claim 1, wherein the data provider sends an error notification to the data accessor.

14. A method of accessing synchronized data transmitted by a broadcaster in a broadcast system, the method comprising:

acquiring a listener interface, the listener interface providing an interface for a data requester to request access to synchronized data;

acquiring a point of access interface, the point of access interface allowing the listener to access synchronized data;

linking the listener interface to the point of access interface; and

accessing synchronized data through the listener interface via the point of access interface.

15. A method as recited in claim 9, wherein the method further comprises sending a notification to a data requester to indicate that data is ready for access.

16. A method as recited in claim 9, wherein the method further comprises sending a notification to a data requester to indicate that data is ready for access.

17. A method as recited in claim 16, wherein the notification includes a time stamp and a length of data indictor that indicates the length of data.

18. A method as recited in claim 9, wherein the method further comprises sending an error notification to the data requester.

19. A computer programmable media including computer program code for accessing synchronized data transmitted by a broadcaster in a broadcast system, the computer programmable media comprising:

computer program code for acquiring a listener interface, the listener interface providing an interface for a data requester to request access to synchronized data;

computer program code for acquiring a point of access interface, the point of access interface allowing the listener to access synchronized data;

computer program code for linking the listener interface to the point of access interface; and

computer program code for accessing synchronized data through the listener interface via the point of access interface.

20. A computer programmable media as recited in claim 19, further comprising:

computer program code for sending a notification to a data requester to indicate that data is ready for access.

21. A computer programmable media as recited in claim 20, wherein the notification includes a time stamp and a length of data indictor that indicates the length of data.

22. A computer programmable media as recited in claim 19, further comprising:

computer program code for sending an error notification to the data requester.